

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): K. KURODA et al  
Serial No.: (new divisional application under 37 CFR §1.53[b] of U.S.  
Application Serial No. 09/985,309)  
Filed: December 31, 2003  
For: A SEMICONDUCTOR DEVICE AND A METHOD OF  
MANUFACTURING THE SAME AND DESIGNING THE  
SAME  
Group: 2814  
Examiner: D. FARAHANI

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.97 & §1.98**

**MS: PATENT APPLICATIONS**

Commissioner For Patents  
POB 1450  
Alexandria, VA 22313-1450

December 31, 2003

Sir:

In the matter of the above-identified application, applicants are attaching hereto, in a form equivalent to Form PTO-1449, a listing of all the art documents of record (cited by the Examiner/submitted by applicants) in the chain of continuing applications (as listed on page 1 of the Specification), pursuant to the duty of disclosure/candor requirements.

This Information Disclosure Statement is being submitted concurrently with the filing of the above-identified divisional application and, therefore, this IDS meets the requirements pursuant to 37 CFR §1.97(b).

As to the requirement of 37 CFR §1.98(a)(3) for any concise explanation of relevance to the extent that any of the listed documents is not in the English


language, this is met by the discussion of these documents in the Specification, on page 2 and the citation thereof by the Examiner in the prior application.

It is understood that since copies of the listed documents should be available in the file wrapper of the prior application, copies thereof are not included herewith, consistent with 37 CFR §1.98(d) and pursuant to the guidelines set forth in MPEP §609.

It is submitted this IDS is in compliance with the rules of practice as well as with USPTO guidelines. Therefore, applicants respectfully request that it be entered and duly considered by the USPTO. Also, acknowledgment of entry as well as of formal consideration thereof by the Examiner is respectfully requested.

If any costs are due in accordance with the filing of this Information Disclosure Statement, please charge same to the account of Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (501.40803X00).

Respectfully submitted,  
**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

  
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	R53(b) DIV. of S.N. 09/985,309
		Filing Date	December 31, 2003
		First Named Inventor	KURODA, KENICHI
		Art Unit	2814
Examiner Name	D. FARAHANI		
Sheet 1 of 1	Attorney Docket Number	501.40803VX1	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,755,482	07/05/1988	Nagakubo	
		US- 5,569,941	10/29/1996	Takahashi	
		US- 5,885,856	03/23/1999	Gilbert et al	
		US- 5,900,655	05/04/1999	Shim	
		US- 6,153,918	11/28/2000	Kawashima et al	
		US- 6,261,883	07/17/2001	Koubuchi et al	
		US- 6,335,560	01/01/2002	Takeuchi	
		US- 6,433,438	08/13/2002	Koubuchi et al	
		US- 6,495,855	12/17/2002	Sawamura	
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 10-092921	04/10/1998			
		JP 06-120488	04/1994	Ichiki et al		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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